

ABSTRACT OF THE DISCLOSURE

A heat-transfer device includes a hollow heat-transfer member made of a thermally conductive material and confining a vacuum sealed chamber therein. The
5 heat-transfer member includes a base portion that is adapted to be placed in thermal communication with a heat source. The base portion has an outer wall surface, an inner wall surface that is opposite to the outer wall surface and that confronts the vacuum sealed chamber,
10 and at least one coolant groove that extends from the inner wall surface toward the outer wall surface and that is in fluid communication with the vacuum sealed chamber. An amount of liquid coolant is contained in the vacuum sealed chamber and is collected in the
15 coolant groove.